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PAGE 01 PARIS 30110 01 OF 05 182126Z

64

ACTION EUR-12

INFO OCT-01 EA-07 NEA-10 ISO-00 AS-01 CIAE-00 DODE-00

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TAGS: TECH, TGEN, FR, EIND, EINV

SUBJECT: GISCARD AND FRENCH TECHNOLOGY: PART II, THE
REFORMS

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PAGE 02 PARIS 30110 01 OF 05 182126Z

REF: A. PARIS 29946

B. PARIS A-71, FEB 1, 1974 (POMPIDOU'S PROGRAMS)
C) PARIS 7082 (COMPUTERS)
D) PARIS 24441 & 24159 (1974) (SPACE)
E) PARIS 20567 & 18618 (NUCLEAR ENERGY)
F) PARIS 6259 (SCIENTIFIC RESEARCH)
G) STATE A-5634, AUG 26, 1975 (INDUSTRIAL POLICY)
H) PARIS 13818 (GISCARD'S STYLE)

SUMMARY: IN A METHODICAL STEP-BY-STEP PROCESS (SEE PART I, "THE DECISIONMAKING STYLE," REF A), THE GISCARDIEN GOVERNMENT HAS REFORMED ITS MAJOR PROGRAMS IN SCIENCE AND TECHNOLOGY. IT HAS ACCEPTED THE HEAVY COMMITMENT TO NUCLEAR POWER WHILE REORGANIZING THE NUCLEAR INDUSTRY AND RESEARCH SECTORS. IT HAS DECIDED TO FUSE THE HEAVILY SUBSIDIZED ALL-FRENCH COMPUTER FIRM, CII, WITH HONEYWELL-BULL. IT HAS ACCEPTED THE COSTLY COMMITMENT TO DEVELOP THE ARIANE SPACE LAUNCHER, THUS PRESERVING THE FUTURE OPTION OF PLAYING AN INDEPENDENT ROLE IN SPACE. IT HAS PROMISED TO GIVE ENOUGH SUPPORT TO SCIENTIFIC RESEARCH TO RANK FRANCE FIRST AMONG COUNTRIES OF ITS SIZE, NO MEAN FEAT, GIVEN PAST PERFORMANCE. IN SO DOING, GISCARD FALLS WITHIN THE GAULLIST TRADITION. HE ACCEPTS THE NECESSITY FOR AN ACROSS-THE-BOARD EFFORT IN THE HIGH TECHNOLOGIES TO MAINTAIN STRATEGIC INDEPENDENCE, SUPPORT ECONOMIC MODERNIZATION, AND PROJECT A FAVORABLE IMAGE OF THE FRENCH NATION GLOBALLY. HE SEEMS CLOSER TO DE GAULLE'S OPTIMISM THEN POMPIDOU'S SKEPTICISM ON SCIENCE AND TECHNOLOGY. IN THE FUTURE, WE SEE NO MAJOR DEPARTURES. IN THEIR COMPETITION WITH U.S. TECHNOLOGICAL INDUSTRIES, THE FRENCH MAY BE TEMPTED TOWARD PROTECTIONISM IN THE EC, BUT NOT TOWARD A GENERAL POLICY OF EXCLUDING U.S. FIRMS. THE MUTUAL BENEFITS OF COOPERATION ARE TOO GREAT.

1) IN A STEP-BY-STEP INTERMINISTERIAL REVIEW, VALERY GISCARD D'ESTAING HAS PLACED HIS PERSONAL STAMP ON FRENCH SCIENCE AND TECHNOLOGY. A SERIES OF REFORMS HAVE BEEN ADOPTED, STRENGTHENING THE MANAGEMENT OF LIMITED OFFICIAL USE

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PAGE 03 PARIS 30110 01 OF 05 182126Z

SUCH HIGH-COST EFFORTS AS NUCLEAR ENERGY, COMPUTERS, SPACE, AND SCIENTIFIC RESEARCH. THESE REFORMS TOUCH ON THE FUTURE OF OVER 60,000 GOVERNMENT EMPLOYEES, MOSTLY PROFESSIONAL , AND INVOLVE EXPENDITURES OF \$25 BILLION OVER THE NEXT FOUR YEARS. THEY ALSO RAISE SENSITIVE POLITICAL ISSUES THAT GO TO THE HEART OF GAULLISM AND THE FUTURE ROLE OF FRANCE IN WORLD AFFAIRS.

2) PLANNERS UNDER DE GAULLE CONSIDERED SCIENCE AND TECHNOLOGY AS A BASIS OF MODERN MILITARY AND ECONOMIC POWER. FROM THE STRATEGIC VIEW, WITHOUT ITS HARD-EARNED NUCLEAR WEAPON CAPABILITY AND ADVANCED DELIVERY SYSTEMS, FRANCE WOULD HAVE LITTLE BASIS FOR ITS CLAIMS TO INDEPENDENCE AND A GLOBAL ROLE. TO INSURE ITS FUTURE POSITION, THE FRENCH FEEL THEY MUST STAY IN THE TECHNOLOGICAL RACE WITH THE SUPERPOWERS TO AVOID BEING QUALITATIVELY OUT-DISTANCED. THIS MEANS AN ACROSS-THE-BOARD EFFORT

IN THE STRATEGIC HIGH TECHNOLOGIES THAT STRETCHES THIN THE RESOURCES OF THIS NATION OF 52 MILLION.

3) WHILE THE STRATEGIC JUSTIFICATION REMAINS STRONG, THE ECONOMIC CONTENT OF THE FRENCH TECHNOLOGY POLICIES

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PAGE 01 PARIS 30110 02 OF 05 182119Z

64

ACTION EUR-12

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IS ASSUMING INCREASING SIGNIFICANCE. MODERNIZATION
OF INDUSTRY, EXPORTATION OF HIGH TECHNOLOGY PRODUCTS,
AND INTERNATIONAL COOPERATION TO AUGMENT THE MODEST
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PAGE 02 PARIS 30110 02 OF 05 182119Z

TECHNICAL AND FINANCIAL RESOURCES OF FRANCE ARE MAJOR
PRIORITIES DETERMINING THE ALLOCATION OF FUNDS FOR
RESEARCH AND DEVELOPMENT.

4) IN HIS ATTITUDE TOWARD SCIENCE AND TECHNOLOGY,
GISCARD SEEMS TO FALL CLOSER TO DE GAULLE'S OPTIMISM
THAN TO POMPIDOU'S SKEPTICISM. HOWEVER, THOUGH
TRAINED AT POLYTECHNIQUE, GISCARD HAS SPENT TOO MANY
YEARS AT THE FINANCE MINISTRY, PRESIDING OVER COSTLY
TECHNOLOGICAL FAILURES (REF A) TO BE A SIMPLE
ADVOCATE. ON COMING TO OFFICE, HE ORDERED THAT EACH
MAJOR DOSSIER BE RE-EXAMINED WITH AN EYE TOWARD RE-
FORM. IN A TYPICALLY PRAGMATIC, DECISIVE, AND
MILDLY INNOVATIVE STYLE (SEE PART I, REFTTEL A),
GISCARD HAS SET, PROBABLY FOR THE REMAINDER OF HIS
7 YEAR TERM, THE COURSE OF FRENCH SCIENTIFIC AND
TECHNOLOGICAL DEVELOPMENT.

EMERGING AS HIS CHIEF LIEUTENANT IN THOSE REFORMS IS
MINISTER OF INDUSTRY AND RESEARCH D'ORNANO. INDEED,
D'ORNANO, AN INDEPENDENT REPUBLICAN LEADER AND A
PROTEGE OF THE PRESIDENT, MAY BE A STRONGER ELEMENT
THAN SUSPECTED, DESPITE HIS DILLETANTISH REPUTATION
AND APPEARANCE. BEHIND HIM AT THE MINISTRY ARE TWO
CAREER STRONGMEN, BOTH POLYTECHNICIENS: HUGUES
D'ESTOILE, THE FORMER "SUPER ARMS SALESMAN" WHO, AS
DIRECTOR OF INDUSTRY, IS REGARDED BY INSIDERS AS THE
NEW ARCHITECT OF FRENCH INDUSTRIAL POLICIES; AND
ANDRE GIRAUD, THE LONG-TIME ADMINISTRATOR OF THE
FRENCH AEC, WHO HAS TIGHTENED HIS ALREADY STRONG

GRIP ON ALL THINGS NUCLEAR IN FRANCE.

COMPUTERS: COOPERATION WITH U.S. INDUSTRY

5) IN REFORMING THE COMPUTER INDUSTRY, GISCARD MADE HIS MOST CONTROVERSIAL DECISION ON ONE OF HIS MOST DIFFICULT DOSSIERS. PLAN CALCUL, LAUNCHED IN 1967 TO DEVELOP AN INDEPENDENT CAPABILITY IN LARGE COMPUTERS, WAS BIG ENOUGH TO BE COSTLY BUT NOT TO ACHIEVE ITS PURPOSE. AFTER SEVEN YEARS OF HEAVY GOVERNMENT SUBSIDIES, IT WAS GENERALLY RECOGNIZED THAT THE COMPAGNIE INTERNATIONALE POUR L'INFORMATIQUE, DESPITE ITS HIGH TECHNICAL COMPETENCE, COULD NOT COM-LIMITED OFFICIAL USE

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PAGE 03 PARIS 30110 02 OF 05 182119Z

PETE WITH THE U.S.-BASED INTERNATIONAL COMPUTER GIANTS EVEN ON THE DOMESTIC MARKET. AT STAKE WAS A FRENCH COMPUTER MARKET ABOUT TO TAKE OFF: AN ESTIMATED INCREASE OF 22 PERCENT PER YEAR THROUGH 1979. GISCARD CHOSE TO BY-PASS THE UNIDATA ASSOCIATION OF CII WITH SIEMENS OF GERMANY AND PHILLIPS OF THE NETHERLANDS AND TO APPROVE MINISTER D'ORNANO'S PLAN OF FUSING THE CII WITH HONEYWELL-BULL IN A PROPOSED GROUP WHERE THE FRENCH INTERESTS WILL HOLD THE MAJORITY AND THE GOVERNMENT A ONE-THIRD BLOCKING SHARE, BUT WHERE KEY DECISIONS ON RESEARCH AND DEVELOPMENT MAY BE IN THE HANDS OF THE AMERICAN PARTNER, HONEYWELL INFORMATION SYSTEM. GISCARD IGNORED THE STRONG OPPOSITION FROM THE GAULLISTS, WHO OBJECTED TO THE POSSIBILITY OF AMERICAN DOMINATION, AND FROM THE UNIONS, WHO WERE CONCERNED WITH LOSING JOBS IN THE CII'S TOULOUSE PLANT. THE GOVERNMENT COUNTERED THAT IT HAD IN EFFECT RECAPTURED BULL, FORMED AN ENTITY LARGE ENOUGH TO SURVIVE, INDEED TWICE THE SIZE OF SIEMENS, AND CONCENTRATED ALL FRENCH COMPUTER CAPABILITIES IN A SINGLE ENTITY. WHEN THE NEGOTIATIONS WITH HONEYWELL ARE CONCLUDED AND THEY ARE PROCEEDING SLOWLY, THE NEW FIRM COULD COST THE GOF OVER A BILLION DOLLARS IN THE NEXT FOUR YEARS IN SUBSIDIES AND GUARANTEED SALES.

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PAGE 01 PARIS 30110 03 OF 05 182150Z

64

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LIMITED OFFICIAL USE SECTION 03 OF 05 PARIS 30110

NUCLEAR POWER AND WEAPONS: LA CARTE FRANCAISE

6) THE DEVELOPMENT OF NUCLEAR TECHNOLOGY RECEIVES THE

LION'S SHARE (ABOUT ONE-QUARTER) OF THE FRENCH RE-

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PAGE 02 PARIS 30110 03 OF 05 182150Z

SEARCH AND DEVELOPMENT BUDGET. NOT SURPRISINGLY,

THIS IS WHERE THE FRENCH SHOW THEIR GREATEST COMPETENCE

AND POTENTIAL. GISCARD, HOWEVER, INHERITED A VAST

NUCLEAR ESTABLISHMENT IN FULL TRANSITION, A NATIONAL COMMITMENT TO NUCLEAR POWER TAKEN SUDDENLY WITHOUT CONSULTATION, AND AN INEXPERIENCED CONVENTIONAL NUCLEAR INDUSTRY USING AMERICAN TECHNOLOGY. THUS FAR, GISCARD HAS CONFIRMED THE COMMITMENT OF ORDERING 6000 MEGAWATTS OF NUCLEAR CAPACITY PER YEAR THROUGH 1977. HE REVERSED THE UNREALISTIC DECISION OF POMPIDOU'S REGIME TO HAVE A SECOND CONSTRUCTOR OF CONVENTIONAL REACTORS. HOWEVER, TO CONTROL THE REMAINING CONSTRUCTOR, FRAMATOME, HE INSTRUCTED THE CEA TO TAKE A 30 PERCENT SHARE IN THAT FIRMS EQUITY FROM THE 45 PERCENT HELD BY WESTINGHOUSE. THE CEA WAS GIVEN THE GREEN LIGHT TO REORGANIZE ITSELF AND TO NEGOTIATE A MAJOR COOPERATIVE AGREEMENT WITH WESTINGHOUSE. IT NOW APPEARS THAT THE U.S. FIRM WILL CONTINUE TO COLLECT ITS LICENSE FEES UNTIL THE PRESENT AGREEMENT EXPIRES IN 1982. TO GAIN PUBLIC SUPPORT, THE GOVT LAUNCHED A HIGHLY PUBLICIZED AND CONTROLLED NUCLEAR DEBATE, INCLUDING CONSIDERATION OF NUCLEAR SITING PLANS BY REGIONAL AND LOCAL COUNCILS. THOUGH THE DEBATE AT TIMES SHOWED SIGNS OF GETTING OUT OF HAND, THE GOVERNMENT SHOWED ITS COMPLETE CONTROL BY SIMPLY STOPPING IT LAST JUNE. IT HAS SINCE BEEN A MINOR PUBLIC ISSUE DESPITE TERRORIST EXPLOSIONS AT TWO NUCLEAR POWER STATIONS.

7) ON MILITARY APPLICATIONS OF NUCLEAR ENERGY, GISCARD HAS NOT DEVIATED FROM THE DIRECTIONS CHARTED BY DE GUALLE. THUS, THE FRENCH ARE PURSUING THE DEVELOPMENT OF THERMONUCLEAR WEAPON CAPABILITY, ADDITIONAL NUCLEAR SUBMARINES AND A NUCLEAR-POWERED HELICOPTER CARRIER HAVE BEEN ORDERED. MOREOVER, THE PLUTON TACTICAL NUCLEAR MISSILE HAS BEEN DEPLOYED. NOW THAT THE UNDERGROUND TEST FACILITIES ARE INTO OPERATION, THE NUCLEAR WEAPONS TESTING SHOULD GENERATE LESS CONTROVERSY. UNTIL THE PRESENT AGREEMENT EXPIRES IN 1982. TO GAIN PUBLIC SUPPORT, THE GOVT LAUNCHED A HIGHLY LIMITED OFFICIAL USE

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PAGE 03 PARIS 30110 03 OF 05 182150Z

PUBLICIZED AND CONTROLLED NUCLEAR DEBATE, INCLUDING CONSIDERATION OF NUCLEAR SITING PLANS BY REGIONAL AND LOCAL COUNCILS. THOUGH THE DEBATE AT TIMES SHOWED SIGNS OF GETTING OUT OF HAND, THE GOVERNMENT SHOWED ITS COMPLETE CONTROL BY SIMPLY STOPPING IT

8) SPACE: EUROPEAN COOPERATION

POMPIDOU'S COMMITMENT TO THE EUROPEAN SPACE PROGRAM WAS THE FIRST DOSSIER TO BE RIGOROUSLY RE-EXAMINED. GISCARD ACCEPTED IT WITH LITTLE CHANGE. THE CENTERPIECE IS THE DEVELOPMENT OF THE ARIANE

SPACE LAUNCHER UNDER THE MANAGEMENT OF THE EUROPEAN SPACE AGENCY. THE FRENCH GOVT IS COMMITTED TO PAY 62.5 PERCENT OF THE COST, ESTIMATED AT ABOUT HALF A BILLION DOLLARS, PLUS ALL OVERRUNS BEYOND 20 PERCENT UP TO 35 PERCENT. BASED ON PRESENT FRENCH TECHNOLOGY, ARIANE WILL OFFER NOTHING MORE THAN IS AVAILABLE FROM THE EXISTING FAMILY OF AMERICAN LAUNCHERS OF WELL-PROVEN RELIABILITY (THE KEY FACTOR IN CHOOSING A LAUNCH VEHICLE FOR COSTLY SATELLITES). ARIANE SEEMS LIKELY TO BE A COMMERCIAL LOSER, EVEN IF IT SUCCEEDS TECHNICALLY, BY NO MEANS A FOREGONE CONCLUSION. A NEGATIVE DECISION, HOWEVER, WOULD HAVE MEANT A CONTINUATION OF FRENCH AND EUROPEAN DEPENDENCE ON THE U.S. FOR LAUNCHING SPACE APPLICATIONS SATELLITES, A FIELD GENERALLY CONSIDERED TO BE OF VITAL IMPORTANCE IN COMMUNICATIONS, EARTH RESOURCE MONITORING, AND METEOROLOGY. IT WOULD ALSO HAVE PLACED A GIGANTIC OBSTACLE TO A FUTURE ROLE FOR

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PAGE 01 PARIS 30110 04 OF 05 182142Z

64

ACTION EUR-12

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LIMITED OFFICIAL USE SECTION 04 OF 05 PARIS 30110

FRANCE IN SPACE, THUS CONCEDED A STRATEGIC TECHNOLOGY
TO THE SUPERPOWERS.

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PAGE 02 PARIS 30110 04 OF 05 182142Z

9) SCIENCE: A NATIONAL COMMITMENT
SCIENTIFIC RESEARCH IS NOT THE STRONG SUIT OF THE
FRENCH. FOR EXAMPLE, ONLY FIVE OF THE 73 NOBEL
PRIZES AWARDED TO EUROPEANS SINCE 1943 WENT TO
FRENCHMEN. NEVERTHELESS, GISCARD HAS COMMITTED HIM-
SELF TO GIVE SOLID SUPPORT TO SCIENTIFIC RESEARCH.
HE SET AS A GOAL THAT FRANCE SHOULD RANK FIRST AMONG
COUNTRIES OF ITS SIZE IN THE QUALITY OF ITS RESEARCH
AND ITS SUPPORT FOR RESEARCH. LIKE POMPIDOU, HE
HAS PLACED A PRIORITY ON ECONOMIC PAYOFFS, SPECIFICALLY
AREAS WITH HIGH POTENTIAL FOR EXPORTATION AND FOR IN-
CREASING INDEPENDENCE OF FOREIGN SOURCES OF RAW MATERIALS,
ESPECIALLY ENERGY RESOURCES. HE IS ATTEMPTING TO
INSTILL CLOSER COOPERATION BETWEEN LABS IN GOVT
WITH THOSE IN INDUSTRY AND UNIVERSITIES--LONG A PRE-
OCCUPATION OF SCIENCE POLICYMAKERS. HIS MINISTER OF
INDUSTRY AND RESEARCH D'ORNANO HAS STREAMLINED THE
GOVT PLANNING APPARATUS (DGRST) AND IS TRYING TO DE-
CENTRALIZE THE ADMINISTRATION OF THE GOVT'S RESEARCH
LABS (CNRS) WHILE TIGHTENING POLICY CONTROL. GISCARD
HAS EVEN ORDERED THE REORGANIZATION OF THE VENERABLE
ACADEMIE DES SCIENCES TO LOWER THE AVERAGE AGE AND
PUT IT TO POSITIVE USE AS A GOVT ADVISORY UNIT, MUCH
LIKE THE NATIONAL ACADEMY OF SCIENCES. GISCARD
BACKED HIS PROFESSED COMMITMENT TO RESEARCH WITH A
15 PERCENT INCREASE IN THE BUDGET FOR 1976.

10) AIRCRAFT: A REFORM TO COME
NOTABLE BY ITS ABSENCE HAS BEEN ANY CONCERTED ATTEMPT

BY THE GOVERNMENT TO REFORM THE TROUBLED AIRCRAFT INDUSTRY. THREE CRITICAL DECISIONS LOOM IN THE COMING YEAR. FIRST, THE GOVT MUST DECIDE, PROBABLY BY DECEMBER, WHETHER TO CONTINUE THE DEVELOPMENT OF THE ACF TWIN-ENGINE FIGHTER PLANE; IT HAS INDEFINITELY POSTPONED THE CONSTRUCTION OF THE SECOND PROTOTYPE. SECOND, IT MUST DECIDE WHETHER TO CARRY OUT ITS DESIRE TO BUILD A NEW LONGER-RANGE VERSION OF THE MERCURE. FINALLY, THERE IS THE HIGHLY VISIBLE CONCORDE PROJECT FOR WHICH CONTINUATION OF THE PRODUCTION LINE IS HIGHLY PROBLEMATIC TO SAY THE LEAST. THE AIRCRAFT INDUSTRY MAY, HOWEVER, PROVE RESISTANT IN THE PRAGMATISM SHOWN LIMITED OFFICIAL USE

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PAGE 03 PARIS 30110 04 OF 05 182142Z

BY THE GISCARDIEN GOVERNMENT IN HIS REFORMS OF FRENCH SCIENCE AND TECHNOLOGY. IT IS OLDER THAN THE POST-WORLD WAR II COMPUTER, SPACE AND NUCLEAR INDUSTRIES, AND HENCE HAS WELL-ENTRENCHED INTERESTS. IT IS LARGER, WITH 100,000 EMPLOYEES, WELL UNIONIZED, AND GEOGRAPHICALLY CONCENTRATED. IT IS CLOSELY ASSOCIATED WITH FRENCH PRESTIGE, AND THE GAULLIST TRADITION. THUS FACING GISCARD ARE AGONIZING CHOICES BETWEEN PRAGMATISM AND PRESTIGE, BETWEEN FULL EMPLOYMENT AND THE PRODUCTION OF MARKETABLE AIRCRAFT AND PERHAPS BETWEEN FRENCH TECHNOLOGY AND THE MORE ADVANCED, MARKET-ORIENTED TECHNOLOGY OF U.S. AIRCRAFT CONSTRUCTORS.

11) FUTURE: LIKE HIS PREDECESSORS, GISCARD IS CONVINCED THAT AN ADVANCED S & T CAPABILITY IS ESSENTIAL TO THE ASPIRATIONS OF FRANCE AS A STRONG, MODERN, AND INDEPENDENT NATION. HE HAS MAINTAINED THE COMMITMENT TO AN ACROSS-THE-BOARD EFFORT IN ALL THE MAJOR TECHNOLOGIES WITH THE SAME INSISTENCE ON DEVELOPING INDEPENDENT CAPABILITIES. THE STRESS IS A LITTLE LESS ON GRANDEUR AND A LITTLE MORE ON PROFITS. HOWEVER, THE PAST OF FRENCH TECHNOLOGICAL PROJECTS HARBORS LITTLE ROOM FOR OPTIMISM FOR THEIR FUTURE. NO MATTER HOW GISCARD REFORMS THE MANAGEMENT OF TECHNOLOGICAL DEVELOPMENT, HE MUST STILL DEAL WITH THE CONTINUING INCONGRUITY OF A MEDIUM-SIZED NATION FOLLOWING THE SUPERPOWERS IN AN IMMENSELY EXPENSIVE TECHNOLOGICAL RACE.

12) FOR THE U.S., THE DIRECTIONS SET FOR FRENCH SCIENCE AND TECHNOLOGY PROMISE A STORMY BUT MUTUALLY PROFITABLE RELATIONSHIP. THE SOURCES OF CONFLICT SHOULD NOT BE UNDERESTIMATED. TIME AND AGAIN FRENCH TECHNOLOGICAL INDUSTRIES HAVE BEEN STYMIED BY THEIR BIGGER RIVALS ACROSS THE ATLANTIC. THE FRENCH WILL NO DOUBT BE TEMPTED TO CONTINUE THEIR EFFORTS TO DEVELOP TECHNOLOGICAL PROTECTIONISM BOTH AT HOME AND

WITHIN THE EUROPEAN COMMUNITY. WE CAN ALSO EXPECT
THAT THE DOMESTIC SENSITIVITY FOR NATIONAL INDEPENDENCE
WILL BE A CONSTANT IRRITANT IN ANY COOPERATIVE RELA-

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PAGE 04 PARIS 30110 04 OF 05 182142Z

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PAGE 01 PARIS 30110 05 OF 05 182138Z

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TIONSHIP BETWEEN U.S. AND FRENCH PARTIES AT LEAST
AS LONG AS THE U.S. MAINTAINS ITS SUPERIORITY. THUS,
THE FRENCH GOVT WILL INSIST THAT THE TECHNOLOGICAL
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PAGE 02 PARIS 30110 05 OF 05 182138Z

INDUSTRIES COOPERATE WITH U.S. FIRMS ONLY AS EQUAL
PARTNERS WHILE RETAINING A CAPACITY TO SURVIVE IF
THE PARTNERSHIP IS CUT OFF. FINALLY, THE INCREASED
PARTICIPATION OF THE GOVT IN THE COMPUTER AND NUCLEAR
INDUSTRIES MAY TEND TO FURTHER POLITICIZE DECISION-
MAKING IN THOSE INDUSTRIES.

12. DWELLING ON SOURCES OF CONFLICT, HOWEVER, OBVIATES
THE SURPRISINGLY CLOSE RELATIONS EXISTING BETWEEN
FRANCE AND THE U.S. IN HIGH TECHNOLOGIES. FOR EXAM-
PLE, GE AND SNECMA ARE DEVELOPING A NEW JET ENGINE.
THE CEA LOOKS TO DEVELOP A LONG-TERM PARTNERSHIP WITH
WESTINGHOUSE. THE FRENCH GOVT IS SHOWING ITSELF SUR-
PRISINGLY COOPERATIVE ON DEVELOPING COMMON INTERNATIONAL
SAFEGUARDS ON NUCLEAR EXPORTS. IT HAS ALSO CEMENTED
A PARTNERSHIP BETWEEN THE FRENCH AND U.S. COMPUTER
INDUSTRY. THE BILATERAL COOPERATIVE PROGRAM IN SCI-
ENTIFIC RESEARCH CONTINUES AT A HIGH LEVEL. IN
SPACE, FRANCE PARTICIPATES IN THE U.S.-EUROPEAN
SPACELAB PROJECT. FOR THE FUTURE WE CAN EXPECT STRONG
COMPETITION ON A CASE-BY-CASE BASIS BUT NO GENERAL
POLICY OF FREEZING OUT U.S. FIRMS. COOPERATION IS
TOO IMPORTANT FOR BOTH SIDES. AS INTERDEPENDENCE
GROWS, HOWEVER, SO WILL THE SOURCES OF CONFLICT. THE
CHALLENGE TO U.S. AND FRENCH LEADERS IS TO RESOLVE
THE TENSION OF AN INCREASINGLY INTERACTIVE RELATION-
SHIP THAT BENEFITS BOTH NATIONS.
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Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975PARIS30110
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750401-1108
From: PARIS
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19751132/aaaabcp.c.tel
Line Count: 646
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION EUR
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
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Reference: n/a
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Review Authority: CunninFX
Review Comment: n/a
Review Content Flags:
Review Date: 22 APR 2003
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Review Transfer Date:
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Secure: OPEN
Status: NATIVE
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TAGS: TECH, TGEN, EIND, EINV, FR, (GISCARD, D'ESTAING VALERY)
To: STATE
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006